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Title: Systems and Computer Software Products for Gene Expression Analysis et al.

ket No. 3298.1

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Inventor Attorne

Sheet 1 of 3

Figure 1

Title: Systems and Computer Software Products for Gene Expression Analysis Inventor et al. Attorney Socket No. 3298.1 Sheet 2 of 8

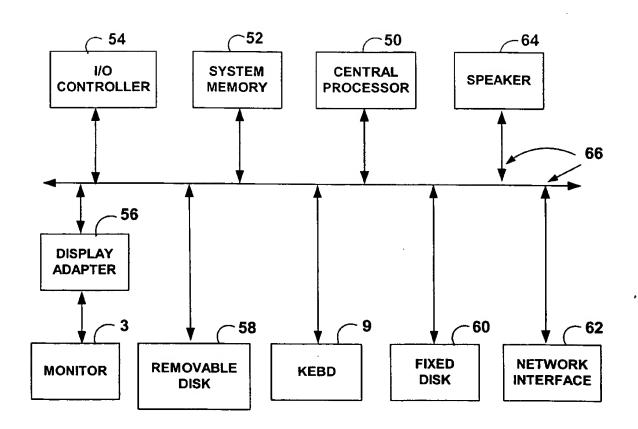


Figure 2

Title: Systems and Computer Software Products for Expression Analysis Products for General Expression Inventor: Liu Attorney Docket No. 3298.1 Sheet 3 of 8

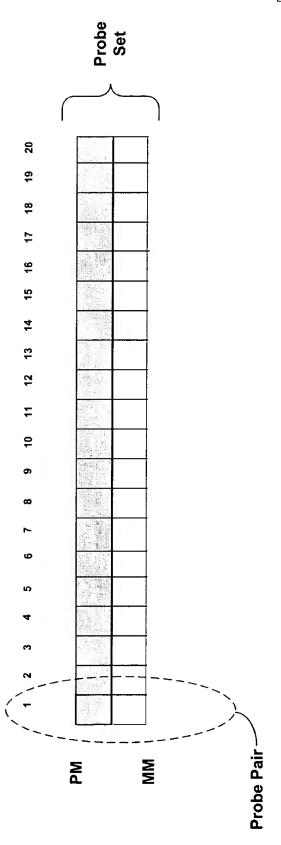


Figure 3

Title: Systems and Computer Software Products for Gene Expression Analysis Inv. Liu et al. Attorney Docket No. 3298.1 Sheet 4 of 8

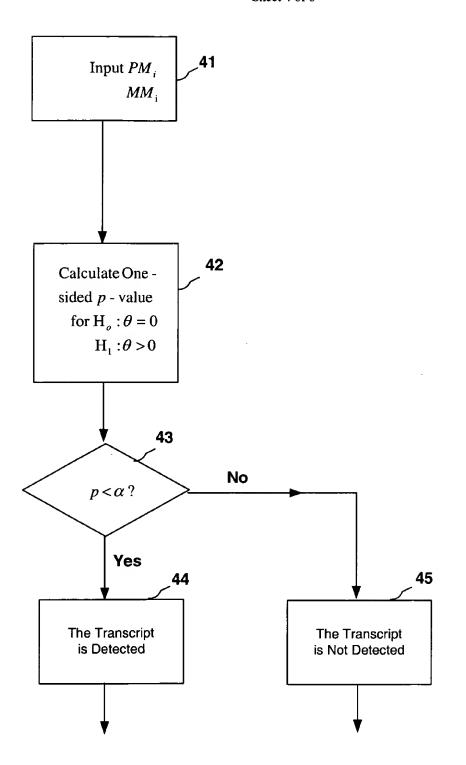


Figure 4

ey Docket No. 3298.1 Sheet 5 of 8 51 Read Data Files Calculate Threshold 52 τ Calculate one-sided 53 p-value $median(PM_i - MM_i) > \tau$ 54 Yes 55 Detected $p < \alpha_1$ No 56 57 Yes Marginal $p < \alpha_2$ No 58 Undetected Figure 5

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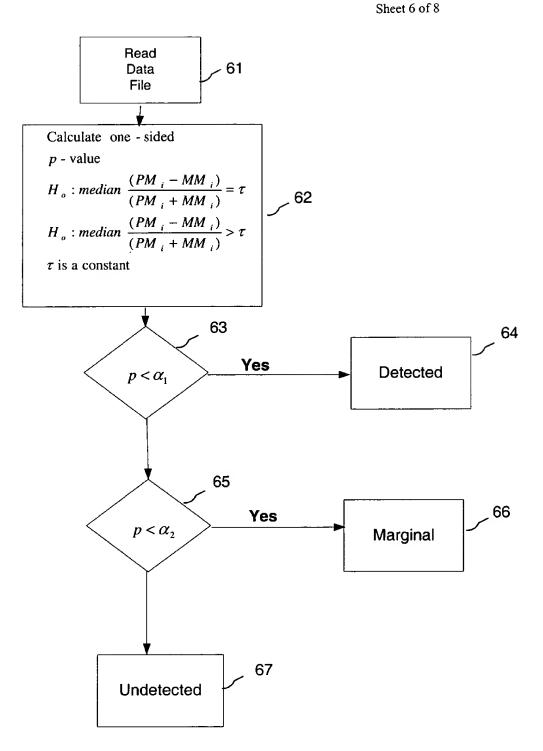
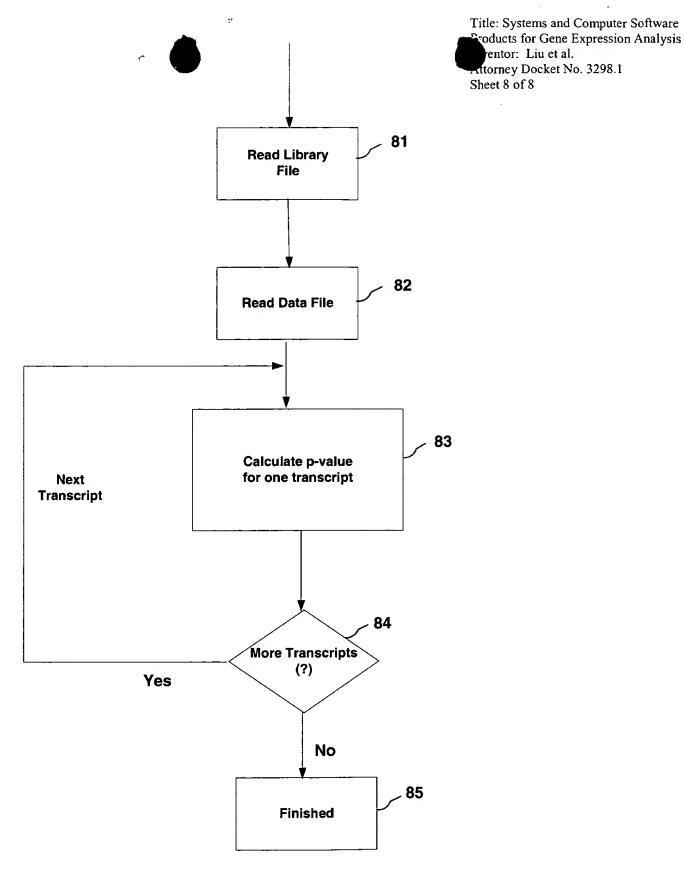


Figure 6

Figur 7

Products for Gene Expression Analysis ventor: Liu et al. ttorney Docket No. 3298.1 Sheet 7 of 8 71 Read Data File 72 Calculate B_i 73 Calculate au74 Calculate p - value H_o : median $(PM_i - B_i) = \tau$ $H_1: median(PM_i - B_i) > \tau$ 76 75 $P < \alpha_1$ Yes Detected No 78 Yes $P < \alpha_2$ Marginal Νo 79 Undetected

Title: Systems and Computer Software



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Figure 8